## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

Claim 1 (currently amended): Method for measuring a 1 talking quality of a communication link in a 2 3 communications network, the method comprising: a main step of subjecting a degraded speech signal 4 s'(t) with respect to a reference speech signal s(t) to an 5 6 objective measurement technique (32) for measuring a 7 perceptual quality of speech signals, and producing a 8 quality signal q which represents an estimated value 9 concerning the talking quality degradation; 10 the degraded speech signal comprising a returned signal r(t); 11 12 in which the objective measurement technique comprises a step of modelling masking effects in consequence of noise 13 14 present in the returned signal comprising the 15 determination of a threshold noise level, by determining a local minimum value of the degraded speech signal s'(t). 16 Claim 2 (original): Method according to claim 1, in which 1 2 the reference speech signal s(t) comprises a silence period and the threshold noise level is determined in the 3 4 part of the degraded speech signal s'(t) corresponding to 5 the silence period in the reference speech signal s(t).

Claim 3 (original): Method according to claim 2, in which 2 the silence period is provided at the start of the reference speech signal s(t). 3 Claim 4 (original): Method according to claim 3, in which 1 the silence period has a duration of at least 0.5 sec, 2 more preferably at least 0.9 sec. 3 Claim 5 (original): Method according to claim 1, in which 1 the threshold noise level is estimated as local minimum 2 values of successive parts of the degraded speech 3 signal s'(t). 4 Claim 6 (original): Method according to claim 1, in which 1 2 the threshold noise level is estimated as the local minimum value of the degraded speech signal s'(t) in a 3 predefined value range. 4 Claim 7 (currently amended): Method according to one of 1 the proceeding claims claim 1, in which the main step 2 3 comprises: ----a first processing step of processing the 4 degraded speech signal s'(t) and generating a first 5 representation signal R'(t,f); 6 - a second processing step of processing the 7 reference speech signal s(t) and generating a second 8 9 representation signal R(t,f); ----a step of subtracting (32a) the first 10 representation signal from the second representation 11

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signal as to produce a difference signal D(t,f);

----a first substep of producing (41) an estimated 13 14 value Ne of the loudness of the noise present in the returned signal; - and 15 16 —a second substep of noise suppression (42) 17 carried out on the difference signal using said produced estimated value Ne as to produce the modified difference 18 signal D'(t,f); — and 19 ----a step of integrating (32c) the modified 20 21 difference signal D'(t,f) with respect to frequency and 22 time as to produce the quality signal q. 1 Claim 8 (currently amended): Device for measuring a talking quality of a communication link in a 2 communications network (10), the device comprising 3 measurement means (22; 31, 36) connected to the 4 5 communication link, the measurement means being arranged to subject a degraded speech signal s'(t) with respect to 6 7 a reference speech signal s(t) to an objective measurement 8 technique for measuring a perceptual quality of speech signals, and producing a quality signal (q) which 9 represents an estimated value concerning the talking 10 11 quality degradation; 7 12 the degraded speech signal comprising a returned signal r(t); 13 in which the measurement means (22; 31, 36) are arranged 14 15 to execute the objective measurement technique by modelling masking effects in consequence of noise present 16 17 in the returned signal in which the objective measurement 18 technique comprises the determination of a threshold noise level by determining a local minimum value of the degraded 19 20 speech signal s'(t).

Claim 9 (original): Device according to claim 8, in which ŀ 2 the reference speech signal s(t) comprises a silence period and the measurement means are further arranged to 3 4 determine the threshold noise level in the part of the degraded speech signal s'(t) corresponding to the silence 5 period in the reference speech signal s(t). 6 Claim 10 (original): Device according to claim 9, in which 1 2 the silence period is provided at the start of the reference speech signal s(t). 3 Claim 11 (original): Device according to claim 10, in 1 2 which the silence period has a duration of at least 0.5 sec, more preferably at least 0.9 sec. 3 Claim 12 (original): Device according to claim 8, in which 1 2 the measurement means are arranged to estimate the threshold noise level as local minimum values of 3 successive parts of the degraded speech signal s'(t). 4 1 Claim 13 (original): Device according to claim 8, in which 2 the measurement means are arranged to estimate the 3 threshold noise level as the local minimum value of the degraded speech signal s'(t) in a predefined value range. 4 Claim 14 (currently amended): Device according to one of the 1 claims 8 through 13 claim 8, in which the device comprises: 2 3 -first processing means (39) for processing the 4 degraded speech signal s'(t) and generating a first

representation signal R'(t,f), the first representation

signal R'(t,f) being a representation signal of a signal

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7 combination of the talker speech signal and the returned 8 signal; --second processing means (38) for processing the 9 10 talker speech signal s(t) and generating a second representation signal R(t,f); 11 -combining means (32) for combining the first and 12 second representation signals as to produce said output 13 signal q, the combining means including 14 15 -- subtracting means (40) for subtracting the 16 first representation signal from the second representation 17 signal as to produce a difference signal D(t,f); -modelling means (41, 42) for modelling the 18 masking effects carried out on the difference signal as to 19 produce a modified difference signal, including means (41) 20 21 for producing an estimated value Ne of the loudness of the 22 noise present in the returned signal, and means (42) for carrying out a noise suppression on the difference signal 23 using said produced estimated value Ne, and for producing 24 25 the modified difference signal D'(t,f); and -integrating means (43) for integrating the 26 modified difference signal with respect to frequency and 27 28 time as to produce the quality signal q.